

ABSTRACT

In a first exemplary embodiment, the present invention relates to an apparatus for performing an assay comprising a micro-system platform, a CD-ROM device and an information processor, where the CD-ROM device under control of the information processor is capable of reading and writing data to the micro-system platform. The micro-system platform comprises a first section for storing data in a continuous circular data band, which is disposed in an inner portion of the micro-system platform, and a second section including at least one assay, which is formed in an outer portion of the micro-system platform. During operation, the CD-ROM device retrieves and stores data related to the performance of the assay in the circular data band. The information processor is operative for controlling the CD-ROM device in accordance with the data retrieved from the circular data band, and for analyzing the results of the assay.